

Focus Area 12: Heart Disease and Stroke

Objective 12-7 targets an overall reduction in the stroke death rate to 48.0 per 100,000 population.

California's age-adjusted death rates for stroke were 62.6 per 100,000 population in 2000, 59.3 in 2001, 54.9 in 2002, and 53.3 in 2003 (Figure 12-7, Table 12-7). Although declining, California's stroke death rates are still significantly higher than the HP2010 objective of 48.0 per 100,000 population.

California data by race and ethnicity show that Blacks/African Americans had the highest age-adjusted stroke death rates: 90.6 per 100,000 in 2000; 85.8 in 2001; and 80.0 in 2002 and 2003. The next highest stroke death rates were reported for Pacific Islanders (72.5 per 100,000 in 2000, 67.1 in 2001, 76.7 in 2002, and 61.1 in 2003), followed by Whites (62.2 per 100,000 in 2000, 59.1 in 2001, 55.4 in 2002, and 53.8 in 2003), Asians (59.1 per 100,000 in 2000, 55.3 in 2001, 49.1 in 2002, and 46.3 in 2003), and Hispanics/Latinos (52.4 per 100,000 in 2000, 50.9 in 2001, 45.1 in 2002, and 44.0 in 2003). Death rates are significantly higher than the HP2010 target of 48.0 per 100,000 population for African Americans/Blacks, Pacific Islanders, and Whites, and this objective is not being achieved for these racial and ethnic groups. The objective for stroke death rates is being achieved for the Asian, Hispanic/Latino, American Indian/Alaska Native, and the "Multirace" populations as of 2003.

Age-adjusted stroke death rates for males were 63.6 per 100,000 males in 2000, 60.4 in 2001, 55.0 in 2002, and 53.0 in 2003, compared with 61.1 per 100,000 females in 2000, 57.9 in 2001, 54.2 in 2002, and 52.7 in 2003. Although death rates are declining for both genders, this HP2010 objective is not being achieved for either females or males as of 2003.

For more information on stroke in California, visit the California Heart Disease and Stroke Prevention Program Web site at:

<http://www.dhs.ca.gov/ps/cdic/cdcb/Chronic/chdsp/index.htm>

For more information on Healthy People 2010 objective 12-7, please visit:

http://www.healthypeople.gov/Document/HTML/Volume1/12Heart.htm#_Toc490544221

and

<http://www.healthypeople.gov/Document/html/tracking/od12.htm#stroke>

Figure 12-7
Stroke Death Rates
California, 2000-2003

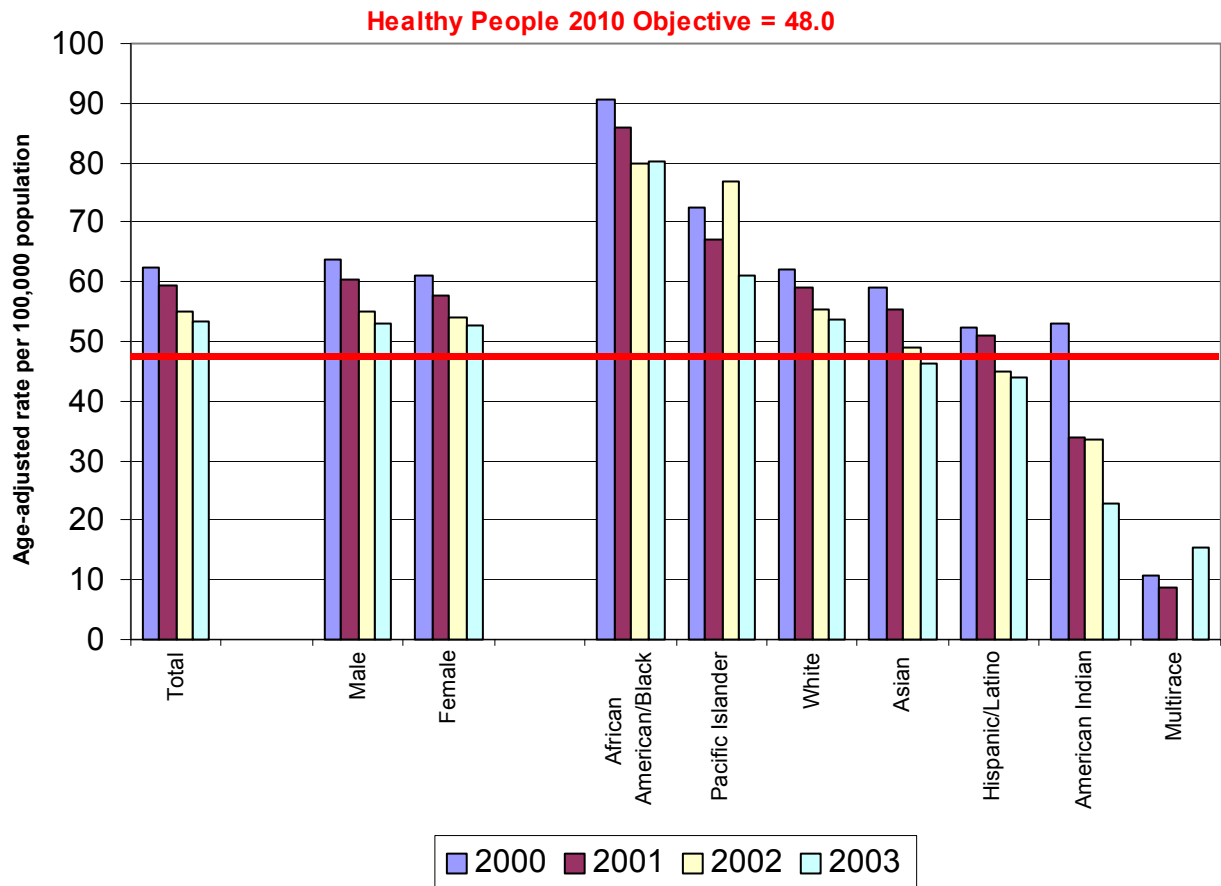


Table 12-7
Stroke Deaths and Death Rates
California, 2000-2003

	2000		Lower	Upper	2001		Lower	Upper
	N	Rate ¹	95% C.I.	95% C.I.	N	Rate ¹	95% C.I.	95% C.I.
Healthy People 2010 Target		48.0				48.0		
CALIFORNIA TOTAL	18,090	62.6	61.7	63.5	18,078	59.3	58.5	60.2
Race-Ethnicity								
African American/Black	1,348	90.6	85.7	95.5	1,335	85.8	81.1	90.4
American Indian	60	53.1	39.2	67.0	48	33.8	24.0	43.6
Asian	1,527	59.1	56.0	62.1	1,592	55.3	52.3	58.1
Hispanic/Latino	1,935	52.4	50.0	54.9	2,038	50.9	48.6	53.3
Pacific Islander	39	72.5	47.0	98.1	34	67.1	42.8	91.4
White	13,152	62.2	61.2	63.3	13,004	59.1	58.1	60.1
Multirace	26	10.7	6.4	15.0	25	8.9	5.3	12.5
Gender								
Female	10,825	61.1	59.9	62.2	10,783	57.9	56.8	59.0
Male	7,265	63.6	62.1	65.1	7,295	60.4	59.0	61.8

	2002		Lower	Upper	2003		Lower	Upper
	N	Rate ¹	95% C.I.	95% C.I.	N	Rate ¹	95% C.I.	95% C.I.
Healthy People 2010 Target		48.0				48.0		
CALIFORNIA TOTAL	17,550	54.9	54.1	55.8	17,685	53.3	52.6	54.1
Race-Ethnicity								
African American/Black	1,309	80.0	75.6	84.4	1,357	80.0	75.7	84.4
American Indian	56	33.6	24.5	42.8	41	22.9	15.7	30.2
Asian	1,539	49.1	46.6	51.5	1,566	46.3	44.0	48.6
Hispanic/Latino	1,977	45.1	43.0	47.2	2,063	44.0	42.0	45.9
Pacific Islander	49	76.7	53.8	99.6	47	61.1	42.4	79.8
White	12,596	55.4	54.4	56.4	12,550	53.8	52.9	54.8
Multirace	20	DSU	-----	-----	52	15.4	11.1	19.6
Gender								
Female	10,507	54.2	53.1	55.2	10,591	52.7	51.7	53.7
Male	7,043	55.0	53.8	56.3	7,094	53.0	51.8	54.3

SOURCES: CA Department of Health Services, Death Records, 2000-2003; CA Department of Finance, Demographic Research Unit, Population Projections by Race/Ethnicity for California and Its Counties 2000-2050, May 2004.

NOTES: Stroke deaths defined by ICD-10 codes I60 - I69.

¹ Rate per 100,000 population, age-adjusted using the 2000 US population standard; excludes death records with unknown ages.

DSU Data Statistically Unreliable due to small number of events.